FIG. 1

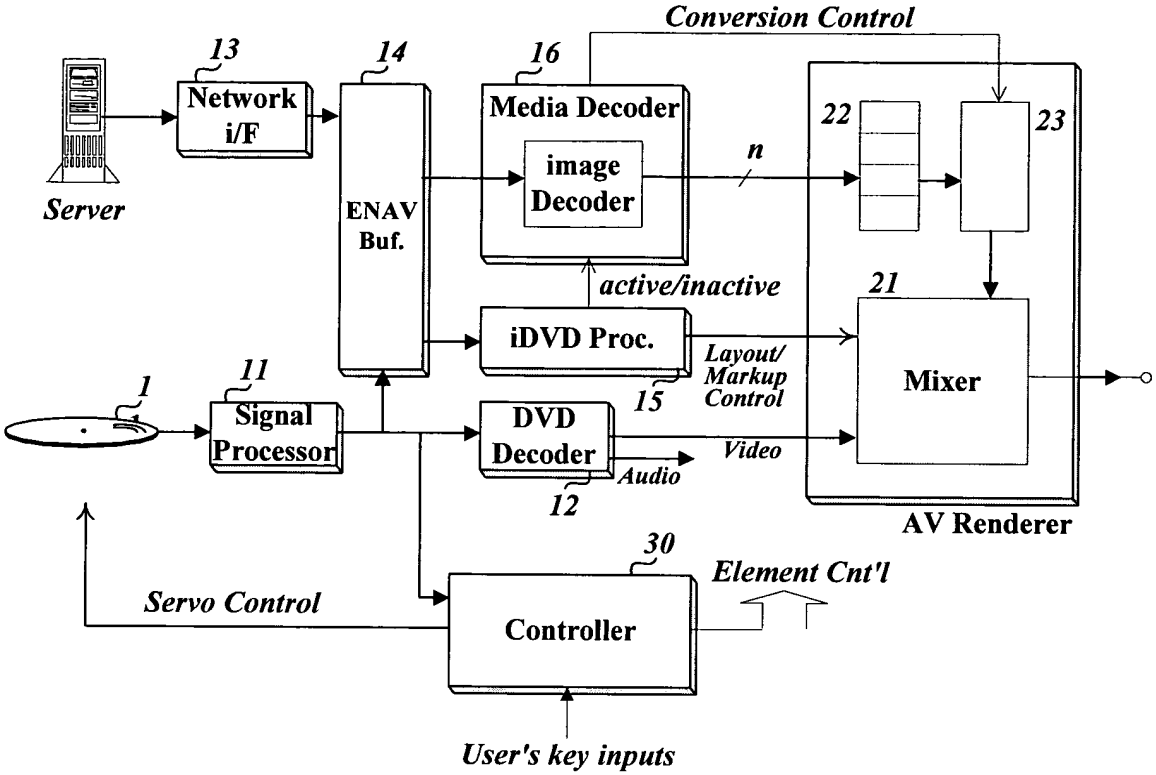
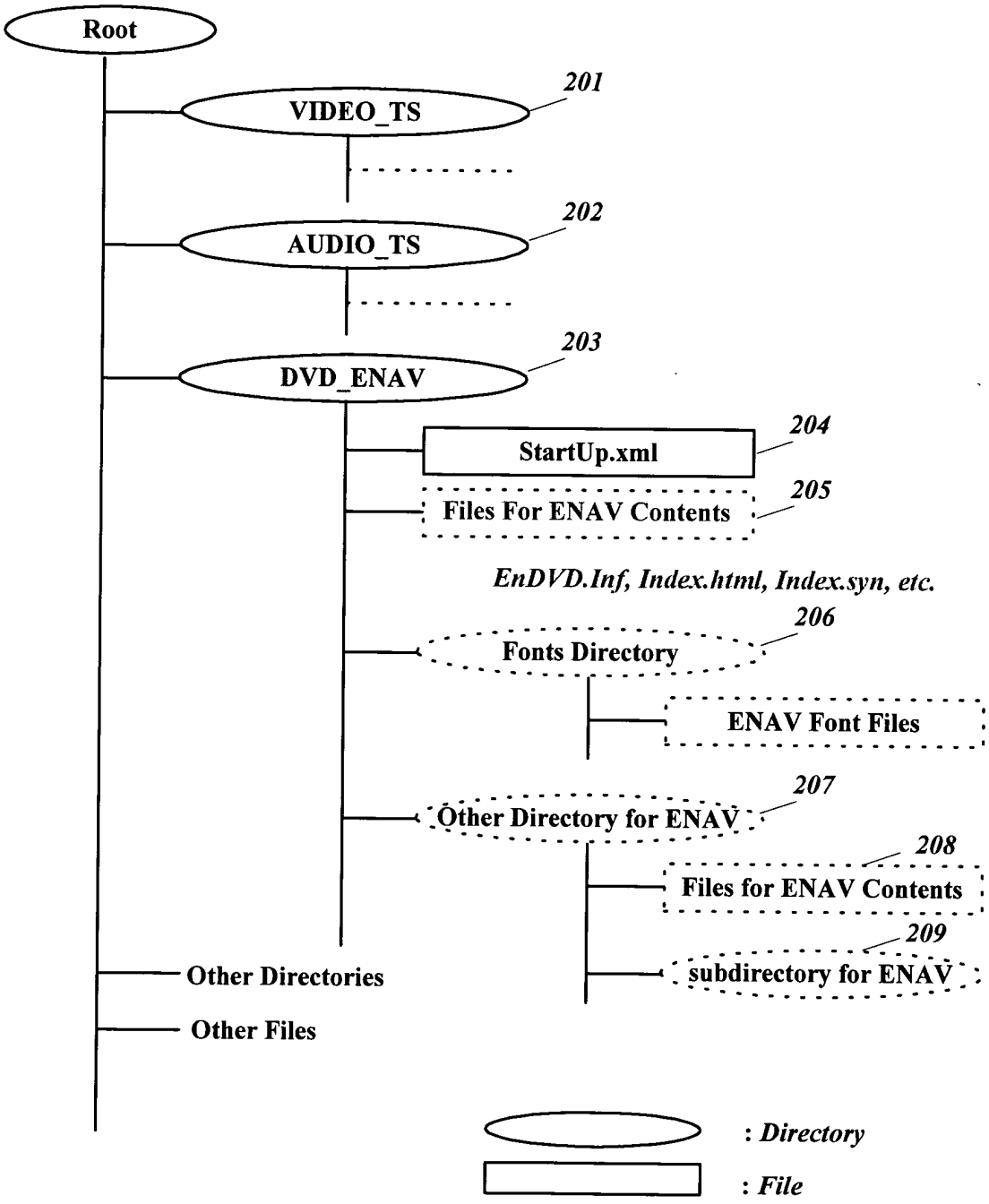

Conversion Control
13
14
16
Network i/F
ENAV Buf.
Media Decoder
image Decoder
n
22
23
Server
active/inactive
21
iDVD Proc.
Layout/ Markup Control
15
Mixer
1
11
Signal Processor
DVD Decoder
Video
Audio
12
AV Renderer
30
Element Cnt'l
Servo Control
Controller
User's key inputs

FIG. 2


Root
VIDEO_TS
201
AUDIO_TS
202
DVD_ENAV
203
StartUp.xml
204
Files For ENAV Contents
205
EnDVD.Inf, Index.html, Index.syn, etc.
206
Fonts Directory
ENAV Font Files
207
Other Directory for ENAV
208
Files for ENAV Contents
209
subdirectory for ENAV
Other Directories
Other Files
: Directory
: File

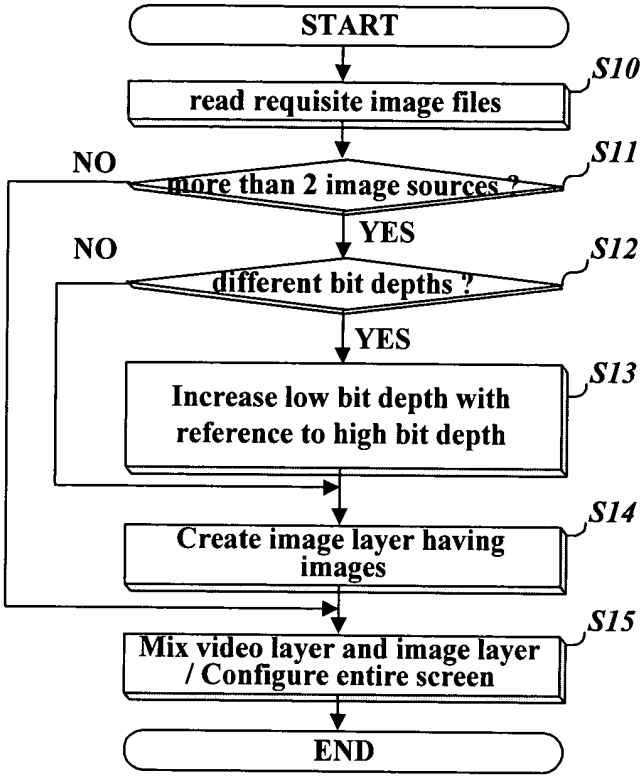

START
read requisite image files
S10
more than 2 image sources ?
S11
NO
YES
different bit depths ?
S12
NO
YES
Increase low bit depth with reference to high bit depth
S13
Create image layer having images
S14
Mix video layer and image layer / Configure entire screen
S15
END

FIG. 3a

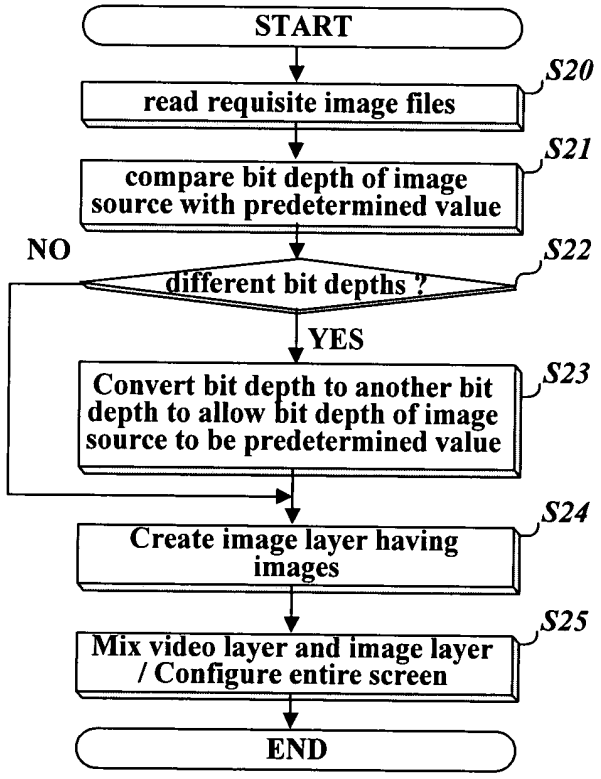

START
read requisite image files
S20
compare bit depth of image source with predetermined value
S21
different bit depths ?
S22
NO
YES
Convert bit depth to another bit depth to allow bit depth of image source to be predetermined value
S23
Create image layer having images
S24
Mix video layer and image layer / Configure entire screen
S25
END

FIG. 3b

FIG. 4

Name	Description	Attribute	Bytes	Value
IHDR	Image header	Width	4B	0 to 720
		Height	4B	0 to 480 (576)
		Bit depth	1B	1,2,4,8
		Color type	1B	0,2,3,4,6
		Compression method	1B	0x00
		Filter metho d	1B	0x00
		Interlace method	1B	0x00
PLTE	Palette	-	Max (256x3)B	0 to 255
IDAT	Image data	-	-	-
IEND	Image trailer	-	0B	-

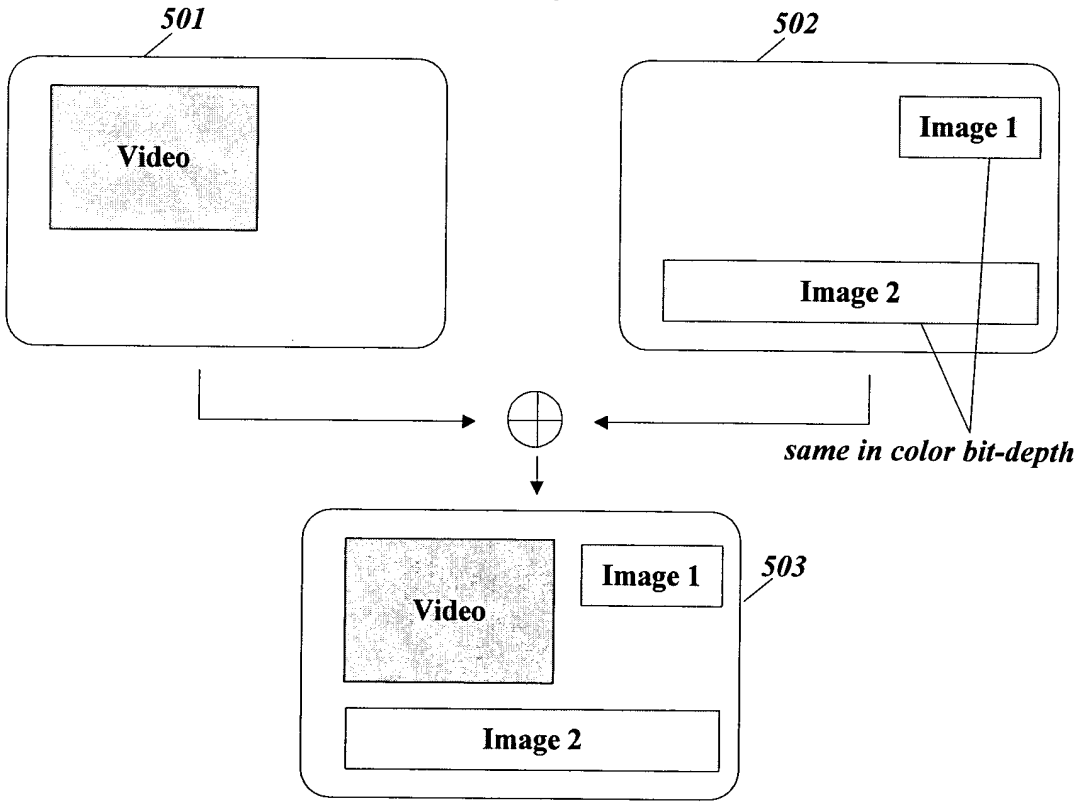



FIG. 5